

? ds

Set	Items	Description
S1	39	RUMINANTIUM AND (MAP(W)2 OR MAP2 OR MAJOR(W)ANTIGENIC(W)PROTEIN(W)2)
S2	14	RD S1 (unique items)
S3	4334	RUMINANTIUM AND PY<2000
S4	1870	RD S3 (unique items)
S5	410	S4 AND (VACCIN? OR THERAP? OR TREAT?)
S6	265	S4 AND VACCIN?

?

PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES

?

---Logging off of Dialog---

? logoff

08oct06 15:32:27 User226352 Session D966.5

YSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2006/Oct W1
(c) 2006 The Thomson Corporation

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(c) 2006 NTIS, Intl Cpyrgt All Rights Res

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(c) 2006 CSA.

File 34:SciSearch(R) Cited Ref Sci 1990-2006/Oct W1
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File 94:JICST-EPlus 1985-2006/Jul W1
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File 98:General Sci Abs 1984-2006/Oct
(c) 2006 The HW Wilson Co.

File 103:Energy SciTec 1974-2006/Aug B1
(c) 2006 Contains copyrighted material

*File 103: For access restrictions see Help Restrict.

File 136:BioEngineering Abstracts 1966-2006/Aug
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(c) 2006 The HW Wilson Co

File 144:Pascal 1973-2006/Sep W2
(c) 2006 INIST/CNRS

File 155:MEDLINE(R) 1950-2006/Oct 09
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(c) 2006 CAB International

File 172:EMBASE Alert 2006/Oct 06
(c) 2006 Elsevier B.V.

File 305:Analytical Abstracts 1980-2006/Sep W3
(c) 2006 Royal Soc Chemistry

*File 305: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 369:New Scientist 1994-2006/Aug W2
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File 393:Beilstein Abstracts 2006/Q3
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File 399:CA SEARCH(R) 1967-2006/UD=14515
(c) 2006 American Chemical Society

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IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

\$3.96 0.177 DialUnits File357
\$3.96 1 Type(s) in Format 7
\$3.96 1 Types
\$7.92 Estimated cost File357
\$12.54 0.534 DialUnits File434
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OneSearch, 20 files, 9.279 DialUnits FileOS
\$4.26 TELNET
\$247.14 Estimated cost this search
\$252.10 Estimated total session cost 10.144 DialUnits

SYSTEM:OS - DIALOG OneSearch
File 5:Biosis Previews(R) 1969-2006/Oct W1
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File 6:NTIS 1964-2006/Oct W1
(c) 2006 NTIS, Intl Cpyrght All Rights Res
File 24:CSA Life Sciences Abstracts 1966-2006/Aug
(c) 2006 CSA.
File 34:SciSearch(R) Cited Ref Sci 1990-2006/Oct W1
(c) 2006 The Thomson Corp
File 40:Enviroline(R) 1975-2006/Aug
File 41:Pollution Abstracts 1966-2006/Aug
(c) 2006 CSA.
File 45:EMCare 2006/Oct W1
(c) 2006 Elsevier B.V.
File 50:CAB Abstracts 1972-2006/Sep
(c) 2006 CAB International
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(c) 2006 Elsevier B.V.
File 73:EMBASE 1974-2006/Oct 06
(c) 2006 Elsevier B.V.
File 94:JICST-EPlus 1985-2006/Jul W1
(c) 2006 Japan Science and Tech Corp(JST)
File 98:General Sci Abs 1984-2006/Oct
(c) 2006 The HW Wilson Co.
File 103:Energy SciTec 1974-2006/Aug B1
(c) 2006 Contains copyrighted material
*File 103: For access restrictions see Help Restrict.
File 136:BioEngineering Abstracts 1966-2006/Aug
(c) 2006 CSA.
File 143:Biol. & Agric. Index 1983-2006/Jul
(c) 2006 The HW Wilson Co
File 144:Pascal 1973-2006/Sep W2
(c) 2006 INIST/CNRS
File 155:MEDLINE(R) 1950-2006/Oct 09
(c) format only 2006 Dialog
File 156:ToxFile 1965-2006/Oct W1
(c) format only 2006 Dialog
File 162:Global Health 1983-2006/Aug
(c) 2006 CAB International
File 172:EMBASE Alert 2006/Oct 06
(c) 2006 Elsevier B.V.
File 305:Analytical Abstracts 1980-2006/Sep W3
(c) 2006 Royal Soc Chemistry

*File 305: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 369:New Scientist 1994-2006/Aug W2
(c) 2006 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS

*File 370: This file is closed (no updates). Use File 47 for more current information.

File 393:Beilstein Abstracts 2006/Q3

(c) 2006 Beilstein GmbH

File 399:CA SEARCH(R) 1967-2006/UD=14515

(c) 2006 American Chemical Society

*File 399: Use is subject to the terms of your user/customer agreement.

IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

(c) 2006 The Thomson Corp

Set Items Description

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? ds

Set	Items	Description
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S3	206	S2 AND PY<2000
S4	3	S3 AND (MAP2 OR MAP(W)2 OR MAJOR(W)ANTIGENIC(W)PROTEIN)
S5	115	(MAP2 OR MAP(W)2 OR MAJOR(W)ANTIGENIC(W)PROTEIN) AND RUMIN- ANTIUM
S6	42	RD S5 (unique items)
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LOCUS COWIMMDOM 2773 bp DNA linear BCT 06-OCT-1994
DEFINITION Cowdria ruminantium (clone pF5.2) immunodominant protein, complete cds; ORF, complete cds.
ACCESSION L07385
VERSION L07385.1 GI:289922
KEYWORDS immunodominant protein.
SOURCE Ehrlichia ruminantium (heartwater rickettsia)
ORGANISM Ehrlichia ruminantium
Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales;
Anaplasmataceae; Ehrlichia.
REFERENCE 1 (bases 1 to 2773)
AUTHORS Mahan,S.M., McGuire,T.C., Semu,S.M., Bowie,M.V., Jongejan,F.,
Rurangirwa,F.R. and Barbet,A.F.
TITLE Molecular cloning of a gene encoding the immunogenic 21 kDa protein
of Cowdria ruminantium
JOURNAL Microbiology 140 (Pt 8), 2135-2142 (1994)
PUBMED 7921263
COMMENT Original source text: Cowdria ruminantium (library: pUC13 of Suman
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Best Local Similarity 100.0%; Pred. No. 4e-183;
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Db 1257 ATGAAGGCTATCAAGTTATACCTTAATCTATGTTACTATTGCAGCAATTTTTGGGA 1316
Qy 61 TATTCTTACATAACAAAACAAGGTATATTCCAACCAAATTACACGACTCTCCTGATGTT 120

AUTHORS Mahan,S.M., McGuire,T.C., Semu,S.M., Bowie,M.V., Jongejan,F., Rurangirwa,F.R. and Barbet,A.F.

TITLE Molecular cloning of a gene encoding the immunogenic 21 kDa protein of *Cowdria ruminantium*

JOURNAL Microbiology 140 (Pt 8), 2135-2142 (1994)

PUBMED 7921263

COMMENT Original source text: *Cowdria ruminantium* (library: pUC13 of Suman Mahan) DNA.

FEATURES Location/Qualifiers

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 /organism="Ehrlichia ruminantium"
 /mol_type="genomic DNA"
 /db_xref="taxon:779"
 /tissue_lib="pUC13 of Suman Mahan"

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 /experiment="experimental evidence, no additional details recorded"
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 /db_xref="GI:289923"
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 Best Local Similarity 100.0%; Pred. No. 4e-183;
 Matches 618; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1 ATGAAGGCTATCAAGTTATACTTAATCTATGTTACTATTGCAGCAATTTTTGGGA	60
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Db	1317 TATTCTTACATAACAAAACAAGGTATATTCAACCCAAATTACACGACTCTCCTGATGTT	1376
Qy	121 AATATATCGAACAAAGCGGATATAAATAGCTTTAGCTTAATTAAATCAGGATGGTATT	180
Db	1377 AATATATCGAACAAAGCGGATATAAATAGCTTTAGCTTAATTAAATCAGGATGGTATT	1436
Qy	181 ACGATATCTAGTAAAGACTTCCTGGAAAACATATGTTAGTCCTTTGGGTTTCTTCT	240
Db	1437 ACGATATCTAGTAAAGACTTCCTGGAAAACATATGTTAGTCCTTTGGGTTTCTTCT	1496
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Qy 301 AACGAATCTGACAAGTTACAAGTAGTCTTATAACTATTGATCCAACAAAAGATACTGTA 360
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 Qy 361 GAAACACTAAAAGAGTTCACAAAAATTTGACTCACGGATTCAAATGTTAACAGGAAAC 420
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 Db 1677 ATTGAAGCTATTAATCAAATAGTACAAGGGTACAAAGTATATGTAGGTCAGCCAGACAAT 1736
 Qy 481 GATAACCAAATTAACCATTCTGGAATAATGTATATTGTAGACAAGAAAGGAGAATATTTA 540
 Db 1737 GATAACCAAATTAACCATTCTGGAATAATGTATATTGTAGACAAGAAAGGAGAATATTTA 1796
 Qy 541 ACACATTTGTACCAAGATTAAAGTCAAAAGAGCCTCAAGTGGATAAATTACTTTCTTTA 600
 Db 1797 ACACATTTGTACCAAGATTAAAGTCAAAAGAGCCTCAAGTGGATAAATTACTTTCTTTA 1856
 Qy 601 ATTAAGCAGTATCTTTAA 618
 Db 1857 ATTAAGCAGTATCTTTAA 1874

RESULT 6

AF117728

LOCUS AF117728 630 bp DNA linear BCT 26-JUL-2000
DEFINITION *Cowdria ruminantium* isolate Palm River major antigenic protein 2 gene, complete cds.
ACCESSION AF117728
VERSION AF117728.1 GI:5163240
KEYWORDS
SOURCE *Ehrlichia ruminantium* (heartwater rickettsia)
ORGANISM *Ehrlichia ruminantium*
 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales;
 Anaplasmataceae; *Ehrlichia*.
REFERENCE 1 (bases 1 to 630)
AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
TITLE Potential value of major antigenic protein 2 for serological diagnosis of heartwater and related ehrlichial infections
JOURNAL Clin. Diagn. Lab. Immunol. 6 (2), 209-215 (1999)
PUBMED 10066656
REFERENCE 2 (bases 1 to 630)
AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
TITLE Direct Submission
JOURNAL Submitted (05-JAN-1999) Pathobiology, University of Florida, 2015 SW 16th Avenue, Building 1017, Room V2-162, Gainesville, FL 32610, USA
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ORIGIN

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ORIGIN

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Qy	121 AATATATCGAACAAAGCGGATATAAATAGCTTAGCTTAATTAAATCAGGATGGTATT	180
Db	133 AATATATCGAACAAAGCGGATATAAATAGCTTAGCTTAATTAAATCAGGATGGTATT	192
Qy	181 ACGATATCTAGTAAAGACTCCCTGGAAAACATATGTTAGCCTTTGGGTTTCTTCT	240
Db	193 ACGATATCTAGTAAAGACTCCCTGGAAAACATATGTTAGCCTTTGGGTTTCTTCT	252
Qy	241 TGAAAACATTTGCCCATGGAACCTAGGGTTAGCATCCACAATTCTAGATCAACTTGGC	300
Db	253 TGAAAACATTTGCCCATGGAACCTAGGGTTAGCATCCACAATTCTAGATCAACTTGGC	312
Qy	301 AACGAATCTGACAAGTTACAAGTAGTCTTATAACTATTGATCCAACAAAGATACTGTA	360
Db	313 AACGAATCTGACAAGTTACAAGTAGTCTTATAACTATTGATCCAACAAAGATACTGTA	372
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Qy	421 ATTGAAGCTATTAATCAAATAGTACAAGGGTACAAAGTATATGTTAGGTCAAGCCAGACAAT	480
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RESULT 5

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 LOCUS COWIMMDOM 2773 bp DNA linear BCT 06-OCT-1994
 DEFINITION Cowdria ruminantium (clone pF5.2) immunodominant protein, complete
 cds; ORF, complete cds.
 ACCESSION L07385
 VERSION L07385.1 GI:289922
 KEYWORDS immunodominant protein.
 SOURCE *Ehrlichia ruminantium* (heartwater rickettsia)
 ORGANISM *Ehrlichia ruminantium*
 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales;
 Anaplasmataceae; *Ehrlichia*.
 REFERENCE 1 (bases 1 to 2773)

RESULT 4
AF117727

LOCUS AF117727 630 bp DNA linear BCT 26-JUL-2000
DEFINITION Cowdria ruminantium isolate Highway major antigenic protein 2 gene, complete cds.
ACCESSION AF117727
VERSION AF117727.1 GI:5163238
KEYWORDS
SOURCE Ehrlichia ruminantium (heartwater rickettsia)
ORGANISM Ehrlichia ruminantium
Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales;
Anaplasmataceae; Ehrlichia.
REFERENCE 1 (bases 1 to 630)
AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
TITLE Potential value of major antigenic protein 2 for serological diagnosis of heartwater and related ehrlichial infections
JOURNAL Clin. Diagn. Lab. Immunol. 6 (2), 209-215 (1999)
PUBMED 10066656
REFERENCE 2 (bases 1 to 630)
AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
TITLE Direct Submission
JOURNAL Submitted (05-JAN-1999) Pathobiology, University of Florida, 2015 SW 16th Avenue, Building 1017, Room V2-162, Gainesville, FL 32610, USA
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ORIGIN

Alignment Scores:

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Best Local Similarity:	100.0%	Mismatches:	0
Query Match:	100.0%	Indels:	0
DB:	15	Gaps:	0

US-10-722-077-26 (1-205) x AF117727 (1-630)

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Qy	21 TyrSerTyrIleThrLysGlnGlyIlePheGlnProLysLeuHisAspSerProAspVal	40
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Qy	73 TATTCTTACATAACAAAACAAGGTATATTCAACCAAATTACACGACTCTCCTGATGTT	132
Db		
Qy	41 AsnIleSerAsnLysAlaAspIleAsnThrSerPheSerLeuIleAsnGlnAspGlyIle	60
Db		
Qy	133 AATATATCGAACAAAGCGGATATAAATAGCTTAGCTTAATTACAGGATGGTATT	192
Db		
Qy	61 ThrIleSerSerLysAspPheLeuGlyLysHisMetLeuValLeuPheGlyPheSerSer	80
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Qy	193 ACGATATCTAGTAAAGACTTCCTGGAAAACATATGTTAGTCCTTTGGGTTTCTTCT	252

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 Db 253 TGTAAGAACTATTGCCCATGGAACTAGGGTTAGCATCCACAATTCTAGATCAACTTGGC 312
 Qy 101 AsnGluSerAspLysLeuGlnValValPheIleThrIleAspProThrLysAspThrVal 120
 Db 313 AACGAATCTGACAAGTTACAAGTAGTCTTATAACTATTGATCCAACAAAAGATACTGTA 372
 Qy 121 GluThrLeuLysGluPheHisLysAsnPheAspSerArgIleGlnMetLeuThrGlyAsn 140
 Db 373 GAAACACTAAAAGAGTTTACAAAAATTGACTCACGGATTCAAATGTTAACAGGAAAC 432
 Qy 141 IleGluAlaIleAsnGlnIleValGlnGlyTyrLysValTyrValGlyGlnProAspAsn 160
 Db 433 ATTGAAGCTATTAATCAAATAGTACAAGGGTACAAAGTATATGTAGGTACGCCAGACAAT 492
 Qy 161 AspAsnGlnIleAsnHisSerGlyIleMetTyrIleValAspLysLysGlyGluTyrLeu 180
 Db 493 GATAACCAAATTAACCATTCTGGAATAATGTATATTGTAGACAAGAAAGGAGAATATTA 552
 Qy 181 ThrHisPheValProAspLeuLysSerLysGluProGlnValAspLysLeuLeuSerLeu 200
 Db 553 ACACATTGTACCAAGATTAAAGTCAAAAGAGCCTCAAGTGGATAAATTACTTCTTTA 612
 Qy 201 IleLysGlnTyrLeu 205
 Db 613 ATTAAGCAGTATCTT 627

RESULT 5

COWIMMDOM

LOCUS COWIMMDOM 2773 bp DNA linear BCT 06-OCT-1994
DEFINITION Cowdria ruminantium (clone pF5.2) immunodominant protein, complete cds; ORF, complete cds.
ACCESSION L07385
VERSION L07385.1 GI:289922
KEYWORDS immunodominant protein.
SOURCE Ehrlichia ruminantium (heartwater rickettsia)
ORGANISM Ehrlichia ruminantium
 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales;
 Anaplasmataceae; Ehrlichia.
REFERENCE 1 (bases 1 to 2773)
AUTHORS Mahan,S.M., McGuire,T.C., Semu,S.M., Bowie,M.V., Jongejan,F.,
 Rurangirwa,F.R. and Barbet,A.F.
TITLE Molecular cloning of a gene encoding the immunogenic 21 kDa protein
 of Cowdria ruminantium
JOURNAL Microbiology 140 (Pt 8), 2135-2142 (1994)
PUBMED 7921263
COMMENT Original source text: Cowdria ruminantium (library: pUC13 of Suman
 Mahan) DNA.
FEATURES

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Alignment Scores:

Pred. No.:	2.31e-123	Length:	2773
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Best Local Similarity:	100.0%	Mismatches:	0
Query Match:	100.0%	Indels:	0
DB:	15	Gaps:	0

US-10-722-077-26 (1-205) x COWIMMDOM (1-2773)

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Qy	21 TyrSerTyrIleThrLysGlnGlyIlePheGlnProLysLeuHisAspSerProAspVal	40
Db	1317 TATTCTTACATAACAAAACAAGGTATATTCAACAAAATTACACGACTCTCCTGATGTT	1376
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Qy	61 ThrIleSerSerLysAspPheLeuGlyLysHisMetLeuValLeuPheGlyPheSerSer	80
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Db	1497 TGTAACACTATTGCCCATGGAACTAGGGTTAGCATCCACAATTCTAGATCAACTGGC	1556
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Db	1557 AACGAATCTGACAAGTTACAAGTAGCTTATAACTATTGATCCAACAAAGATACTGTA	1616
Qy	121 GluThrLeuLysGluPheHisLysAsnPheAspSerArgIleGlnMetLeuThrGlyAsn	140
Db	1617 GAAACACTAAAGAGTTCACAAAAATTGGACTCACGGATTCAAATGTTAACAGGAAAC	1676
Qy	141 IleGluAlaIleAsnGlnIleValGlnGlyTyrLysValTyrValGlyGlnProAspAsn	160
Db	1677 ATTGAAGCTATTAATCAAATAGTACAAGGGTACAAAGTATATGTTAGGTACGCCAGACAAT	1736
Qy	161 AspAsnGlnIleAsnHisSerGlyIleMetTyrIleValAspLysLysGlyGluTyrLeu	180
Db	1737 GATAACCAAATTAAACCATTCTGGAATAATGTATTGTTAGACAAGAAAGGAGAATATTA	1796
Qy	181 ThrHisPheValProAspLeuLysSerLysGluProGlnValAspLysLeuLeuSerLeu	200

Db 1797 ACACATTTGTACCAAGATTAAAGTCAAAAGAGCCTCAAGTGGATAAATTACTTTCTTA 1856
 Qy 201 IleLysGlnTyrLeu 205
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 Db 1857 ATTAAGCAGTATCTT 1871

RESULT 6

AF117728

LOCUS AF117728 630 bp DNA linear BCT 26-JUL-2000
 DEFINITION Cowdria ruminantium isolate Palm River major antigenic protein 2
 gene, complete cds.
 ACCESSION AF117728
 VERSION AF117728.1 GI:5163240
 KEYWORDS
 SOURCE Ehrlichia ruminantium (heartwater rickettsia)
 ORGANISM Ehrlichia ruminantium
 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales;
 Anaplasmataceae; Ehrlichia.
 REFERENCE 1 (bases 1 to 630)
 AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
 TITLE Potential value of major antigenic protein 2 for serological
 diagnosis of heartwater and related ehrlichial infections
 JOURNAL Clin. Diagn. Lab. Immunol. 6 (2), 209-215 (1999)
 PUBMED 10066656
 REFERENCE 2 (bases 1 to 630)
 AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
 TITLE Direct Submission
 JOURNAL Submitted (05-JAN-1999) Pathobiology, University of Florida, 2015
 SW 16th Avenue, Building 1017, Room V2-162, Gainesville, FL 32610,
 USA
 FEATURES source Location/Qualifiers
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ORIGIN

Alignment Scores:

Pred. No.:	4.36e-123	Length:	630
Score:	1046.00	Matches:	203
Percent Similarity:	99.5%	Conservative:	1
Best Local Similarity:	99.0%	Mismatches:	1
Query Match:	99.2%	Indels:	0
DB:	15	Gaps:	0

US-10-722-077-26 (1-205) x AF117728 (1-630)

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Db 133 |||||||AATATATCGAACAAAGCGGATATAAATAGCTTAGCTTAATTAAATCAGGATGGTAC 192
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 Qy 141 IleGluAlaIleAsnGlnIleValGlnGlyTyrLysValTyrValGlyGlnProAspAsn 160
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 Db 553 GCACATTTGTACCAAGATTAAAGTCAAAGAGCCTCAAGTAGATAAAATTACTTCTTTA 612
 Qy 201 IleLysGlnTyrLeu 205
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RESULT 7

AF117729

LOCUS AF117729 630 bp DNA linear BCT 26-JUL-2000
DEFINITION Cowdria ruminantium isolate Um Banein major antigenic protein 2 gene, complete cds.
ACCESSION AF117729
VERSION AF117729.1 GI:5163242
KEYWORDS
SOURCE Ehrlichia ruminantium (heartwater rickettsia)
ORGANISM Ehrlichia ruminantium
 Bacteria; Proteobacteria; Alphaproteobacteria; Rickettsiales;
 Anaplasmataceae; Ehrlichia.
REFERENCE 1 (bases 1 to 630)
AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
TITLE Potential value of major antigenic protein 2 for serological diagnosis of heartwater and related ehrlichial infections
JOURNAL Clin. Diagn. Lab. Immunol. 6 (2), 209-215 (1999)
PUBMED 10066656
REFERENCE 2 (bases 1 to 630)
AUTHORS Bowie,M.V., Reddy,G.R., Semu,S.M., Mahan,S.M. and Barbet,A.F.
TITLE Direct Submission
JOURNAL Submitted (05-JAN-1999) Pathobiology, University of Florida, 2015 SW 16th Avenue, Building 1017, Room V2-162, Gainesville, FL 32610, USA
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ORIGIN

Alignment Scores:

Pred. No.:	4.36e-123	Length:	630
Score:	1046.00	Matches:	203
Percent Similarity:	99.5%	Conservative:	1
Best Local Similarity:	99.0%	Mismatches:	1
Query Match:	99.2%	Indels:	0
DB:	15	Gaps:	0

US-10-722-077-26 (1-205) x AF117729 (1-630)

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Qy	61 ThrIleSerSerLysAspPheLeuGlyLysHisMetLeuValLeuPheGlyPheSerSer	80
Db	193 ACGATATCTAGTAAAGACTCCCTGGAAAACATATGTTAGTCCTTTGGGTTTTCTTCT	252
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Db	253 TGTAAGACTATTGCCCATGGAACTAGGGTTAGCATCCACAATTCTAGATCAACTGGC	312
Qy	101 AsnGluSerAspLysLeuGlnValValPheIleThrIleAspProThrLysAspThrVal	120
Db	313 AACGAAGCTGACAAGTTACAAGTAGCTTTATAACTATTGATCCAACAAAAGATACTGTA	372
Qy	121 GluThrLeuLysGluPheHisLysAsnPheAspSerArgIleGlnMetLeuThrGlyAsn	140
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Db	433 ATTGAAGCTATTAATCAAATAGTACAAGGGTATAAAAGTATATGTTAGGTCAACCAGACAAT	492
Qy	161 AspAsnGlnIleAsnHisSerGlyIleMetTyrIleValAspLysLysGlyGluTyrLeu	180
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